

# HYDROSPHERE & OCEANOGRAPHY BASED INDIAN GEOGRAPHY MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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**Q1.** Which of the following statement is not correct?

- a) Yemen is in Asia
  - b) Nicaragua is in central America
  - c) Falkland Archipelago is located in Indian ocean
  - d) Namibia is located in Africa
- 

**Q2.** The current produced by upwelling of cold water off the coast of Chile and Peru is known as

- a) Canary current
  - b) Agulhas current
  - c) El Nino
  - d) Humboldt current
- 

**Q3. Sea breeze** is formed during

- a) Seasonal
  - b) Both
  - c) Day time
  - d) Night time
- 

**Q4.** The largest island (after Greenland) of the world is

- a) New Guinea
- b) Sumatra

- c) Borneo
- d) Malagasy

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**Q5.** Which of the following is the largest island of Japan?

- a) Honshu
- b) Hokkaido
- c) Shikoku
- d) Kyushu

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**Q6.** Which of the following oceans has the shape of the English alphabet 'S'?

- a) Pacific Ocean
- b) Atlantic Ocean
- c) Arctic Ocean
- d) Indian Ocean

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**Q7.** Which one among the following is a cold Ocean current?

- a) Kuroshio current
- b) Gulf stream
- c) Canary current
- d) Brazil current

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**Q8.** Consider the following statements:

1. Annual range of temperature is greater in the Pacific Ocean than that in the Atlantic Ocean.
2. Annual range of temperature is greater in the Northern Hemisphere than that in the Southern Hemisphere.

Which of the statements given above is/are **correct**?

- a) Neither 1 nor 2
  - b) Both 1 and 2
  - c) 1 only
  - d) 2 only
- 

**Q9.** The **correct sequence** of the following seas from West to East is

- a) Black Sea, Mediterranean Sea, Aral Sea, Caspian Sea
  - b) Mediterranean Sea, Black Sea, Caspian Sea, Aral Sea
  - c) Black Sea, Mediterranean Sea, Caspian Sea, Aral Sea
  - d) Caspian Sea, Mediterranean Sea, Black Sea, Aral Sea
- 

**Q10.** What explains the Eastward flow of the equatorial counter-current?

- a) Occurrence of the Belt of Calm near the equator
  - b) Difference in salinity of water
  - c) The Earth's rotation on its axis
  - d) Convergence of the two equatorial currents
- 

**Q11.** Which one among the following sequences of water bodies, from lower to higher salinity concentration, is correct?

- a) Arctic Sea-Gulf of California-Baltic Sea-Red Sea
  - b) Red Sea-Gulf of California-Arctic Sea-Baltic Sea
  - c) Gulf of California-Baltic Sea-Red Sea-Arctic sea
  - d) Baltic Sea-Arctic Sea-Gulf of California-Red Sea
- 

**Q12.** Which one of the following is the **correct sequence** of the terrigenous deposits from the coast to the deeper part of the sea?

Use the codes given below to select the correct answer:

- 1. Clay

2. Mud
3. Sand
4. Silt

Codes:

- a) 3, 4, 1, 2
- b) 1, 4, 3, 2
- c) 4, 2, 1, 3
- d) 3, 2, 4, 1

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**Q13.** Tides occur in **oceans and seas** due to which among the following?

1. Gravitational force of Sun.
2. Gravitational force of Moon.
3. Centrifugal force of Earth.

Select the **correct** answer using the code given below.

- a) 1, 2 and 3
- b) Only 1 and 3
- c) Only 1
- d) Only 2 and 3

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**Q14.** Which of the following seas does not have a coast line?

- a) Caspian Sea
- b) Sea of Azov
- c) Black Sea
- d) Sargasso Sea

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**Q15.** Which of the following is a **cold ocean current**?

- a) Canary current

- b) Oyashio current
- c) Humboldt current
- d) Brazil current

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### Answers to the above questions :

**Q1. Answer: (c)**

**Q2. Answer: (c)**

El Nino is a cold water current which runs along the coast of Peru and Chile. It is also a climate pattern which occurs every five years.

**Q3. Answer: (c)**

Sea breezes and all other winds blow from more atmospheric pressure to less atmospheric pressure.

The water heats up and cools down slower than land. During the day, the land is heated up and is less dense than the water while at night, the water is less dense than the land. The denser it is, the more atmospheric pressure there is.

Therefore, sea breezes occur during the day but not at night.

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**Q4. Answer: (a)**

**Q5. Answer: (a)**

**Q6. Answer: (b)**

Atlantic Ocean has the shape of an English alphabet S. Indian Ocean has 'M' Shape.

The Arctic Ocean has 'U' shape, while the Pacific Ocean is triangular in shape.

**Q7. Answer: (c)**

Canary Current is a cold current which blows in the North Atlantic Ocean.

**Q8. Answer: (d)**

Climates in the Southern Hemisphere tend to be milder than those in the Northern Hemisphere.

Southern Hemisphere has significantly more ocean and less land. The water heats up and cools down more slowly than land.

**Q9. Answer: (b)**

The correct sequence of seas from west to East is —

1. Mediterranean sea,
2. Black Sea,
3. Caspian Sea and
4. Aral Sea.

**Q10. Answer: (c)**

**Q11. Answer: (d)**

Baltic Sea Arctic Sea Gulf of California Red sea.

**Q12. Answer: (a)**

The correct sequence of terrigenous deposits from the coast to the deeper part of the sea is

**Sand ? Silt ? Clay ? Mud**

**Q13. Answer: (a)**

**Q14. Answer: (d)**

**Q15. Answer: (c)**

The Humboldt Current, also known as the Peru Current, is a cold, low-salinity ocean current that flows north-westward along the west coast of South America from the southern tip of Chile to northern Peru.

It is an eastern boundary current flowing in the direction of the equator and can extend 1,000 kilometres offshore. The Humboldt Current Large Marine Ecosystem (LME), named after the Prussian naturalist Alexander von Humboldt, is one of the major upwelling systems of the world, supporting an extraordinary abundance of marine life.

Upwelling occurs off Peru year-round but off Chile only during the spring and summer, because of the displacement of the subtropical centre of high pressure during the summer.

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